

## Exhibit B

GI 5268A-CIP  
USSN - 09/112335

Filing Date December 14, 1998  
Group Art Unit TBD

### ASSIGNMENT

In consideration of good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

Mary Collins, Debra Donaldson, Lori Fitz, Tamlyn Neben, Matthew Whitters  
Clive Wood, ~~Marsha Wille Karp~~

residing at:

54 Rathbun Road, Natick, Massachusetts 01760 U.S.A.  
108 Blakely, Medford, Massachusetts 02155 U.S.A.  
13 Palmer Street, Arlington, Massachusetts 02174 U.S.A.  
13 Duggan Road, Acton, Massachusetts 01720 U.S.A.  
9 Vinal Street, Hudson, Massachusetts 01749 U.S.A.  
2 Hawthorne Place, #17R, Boston, Massachusetts 02114 U.S.A.

~~12 Old Lyme Road, Lutherville, Maryland - 21093~~

, respectively,

hereby sell, assign and transfer to GENETICS INSTITUTE, INC., a corporation of the State of Delaware having a place of business at 87 CambridgePark Drive, Cambridge, in the County of Middlesex, and the State of Massachusetts, United States of America, their successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned and is entitled:

### CYTOKINE RECEPTOR CHAIN

(GI Case No. 5268A-CIP) and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorized and request the Commissioner of Patents of the United States to issue to said Assignees, the corporations above named, their successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignees may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignees, their successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers;

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communicate to said Assignees, their successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings, and generally do everything possible which said Assignees, their successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignees, their successors, assigns and legal representatives; and

COVENANT with said Assignees, their successors, assigns, and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

3/25/99  
Date

Mary Collins  
Mary Collins

3/26/99  
Date

Debra Donaldson  
Debra Donaldson

3/25/99  
Date

Lori Fitz  
Lori Fitz

5/25/99  
Date

Tamlyn Neben  
Tamlyn Neben

3/25/99  
Date

Matthew Whitters  
Matthew Whitters

3/25/99  
Date

Clive Wood  
Clive Wood

                      
Date

Marsha Wills-Karp

GI 5268A-CIP USSN 09/211,335 Filing Date December 14, 1998 Group Art Unit TBD

Commonwealth of Massachusetts)  
County of Middlesex ) ss.

Subscribed and sworn to before me by the above-named Mary Collins this 25 day of March, 1999.



ALEXANDRIA M. L. NIEDZWIECKI  
Notary Public  
Commonwealth of Massachusetts  
Commission Expires July 1, 1999

Alexandria M. L. Niedzwiecki  
Notary Public  
My Commission Expires: 3/1/99

Commonwealth of Massachusetts)  
County of Middlesex ) ss.

Subscribed and sworn to before me by the above-named Debra Donaldson this 26 day of March, 1999.

Alexandria M. L. Niedzwiecki  
Notary Public  
My Commission Expires: 7.1.99

Commonwealth of Massachusetts)  
County of Middlesex ) ss.

Subscribed and sworn to before me by the above-named Lori Fitz this 25 day of March, 1999.



ALEXANDRIA M. L. NIEDZWIECKI  
Notary Public  
Commonwealth of Massachusetts  
Commission Expires July 1, 1999

Alexandria M. L. Niedzwiecki  
Notary Public  
My Commission Expires: 7.1.99

Commonwealth of Massachusetts)  
County of Middlesex ) ss.

Subscribed and sworn to before me by the above-named Tamlyn Neben this 25 day of May, 1999.



ALEXANDRIA M. L. NIEDZWIECKI  
Notary Public  
Commonwealth of Massachusetts  
Commission Expires July 1, 1999

Alexandria M. L. Niedzwiecki  
Notary Public  
My Commission Expires: 7/1/99

Commonwealth of Massachusetts)  
County of Middlesex ) ss.

GI 5268A-CIP USSN 09/211,335 Filing Date December 14, 1998 Group Art Unit TBD

Subscribed and sworn to before me by the above-named Matthew Whitters this 25 day of March, 1999



ALEXANDRIA M. L. NIEDZWIECKI  
Notary Public  
Commonwealth of Massachusetts  
Commission Expires July 1, 1999

Alexandria M. L. Niedzwiecki  
Notary Public  
My Commission Expires: 7.1.99

Commonwealth of Massachusetts)  
County of Middlesex ) ss.

Subscribed and sworn to before me by the above-named Clive Wood this 25 day of March, 1999



ALEXANDRIA M. L. NIEDZWIECKI  
Notary Public  
Commonwealth of Massachusetts  
Commission Expires July 1, 1999

Alexandria M. L. Niedzwiecki  
Notary Public  
My Commission Expires: 7.1.99

Commonwealth of Massachusetts)  
County of Middlesex ) ss.

Subscribed and sworn to before me by the above-named Marsha Wills-Karp this \_\_\_\_ day of \_\_\_\_\_, 1999

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
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AUGUST 12, 1999

PTAS

GENETICS INSTITUTE, INC.  
SCOTT A. BROWN  
87 CAMBRIDGE PARK DRIVE  
CAMBRIDGE, MA 02140



\*101063948A\*

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ASSIGNOR:

COLLINS, MARY

DOC DATE: 05/25/1999

ASSIGNOR:

DONALDSON, DEBRA

DOC DATE: 05/26/1999

ASSIGNOR:

FITZ, LORI

DOC DATE: 05/25/1999

ASSIGNOR:

NEBEN, TAMYLN

DOC DATE: 05/25/1999

ASSIGNOR:

WHITTERS, MATTHEW J.

DOC DATE: 05/25/1999

ASSIGNEE:

GENETICS INSTITUTE, INC.  
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CAMBRIDGE, MASSACHUSETTS 02140

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ASSIGNMENT DIVISION  
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